

Patent No.: 6,949,821



10/043104

CofC

Docket No.: M4065.0317/P317-B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:

David J. Corisis

RT

Patent No.: 6,949,821

Issued: September 27, 2005

For: SEMICONDUCTOR PACKAGE

**Certificate**  
**JAN 27 2006**  
**of Correction**

**REQUEST FOR RE-ISSUED CERTIFICATE OF CORRECTION**

Attention: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The Certificate of Correction as issued by the PTO on January 10, 2006 is incomplete. A copy is attached as Exhibit A. The corrections listed on the second page of Patentee's Request for Certificate of Correction, filed November 2, 2006, were omitted. A copy of that Request is attached as Exhibit B..

FEB 02 2006

Patentee requests a new Certificate of Correction be issued containing the errors as specified in the original request. The errors were not in the application as filed by applicant; accordingly no fee is required.

Dated: January 24, 2006

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorney for Applicant

# **Exhibit A**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,949,821 B2  
DATED : September 27, 2005  
INVENTOR(S) : Corisis

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [56], References Cited, U.S. PATENT DOCUMENTS, add the following:

-- 5,838,069	11/1998	Itai et al.
6,534,391	3/2003	Huemoeller et al.
6,319,749	11/2001	Shigeta et al.
6,573,157	6/2003	Sato, Eiichi
6,281,032	8/2001	Matsuda et al. --;

FOREIGN PATENT DOCUMENTS, add the following:

-- JP	2001345289 A	12/2001	H01L 21/301
JP	10242570 A	9/1998	H01S 03/18 --.

Signed and Sealed this

Tenth Day of January, 2006



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*

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# **Exhibit B**

**Inventor:** David J. Corisis

**Patent No.:** 6,949,821  
**Title:** SEMICONDUCTOR PACKAGE

**Atty Docket No.:** M4065.0317/P317-B

**Issue Date:** September 27, 2005

**Documents Filed:**

Fee Transmittal (1 page)

Request for Certificate of Correction (Fee Required) (3 pages)

Certificate of Correction (2 pages)

Payment by credit card. Form PTO-2038 is attached (1 page)

Charge \$100.00 to credit card

**Via:** PTO Daily Run

**Sender's Initials:** TJD/DAD/grb

**Date:** November 2, 2005

**Inventor:** David J. Corisis

**Patent No.:** 6,949,821  
**Title:** SEMICONDUCTOR PACKAGE

**Atty Docket No.:** M4065.0317/P317-B

**Issue Date:** September 27, 2005

**Documents Filed:**

Fee Transmittal (1 page)

Request for Certificate of Correction (Fee Required) (6 pages)

Certificate of Correction (2 pages)

Payment by credit card. Form PTO-2038 is attached (1 page)

Charge \$100.00 to credit card

**Via:** PTO Daily Run

**Sender's Initials:** TJD/DAD/grb

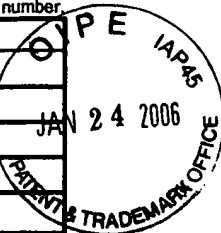
**Date:** November 2, 2005

11-2-05

**BEST AVAILABLE COPY**

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 100.00**Complete if Known**

Application Number	Patent#: 6,949,821
Filing Date	Issued: September 27, 2005
First Named Inventor	David J. Corisis
Examiner Name	M. Estrada
Art Unit	2823
Attorney Docket No.	M4065.0317/P317-B

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☐ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims - = Extra Claims x Fee (\$) = Fee Paid (\$)

Multiple Dependent Claims  
Fee (\$) Fee Paid (\$)

Indep. Claims - = Extra Claims x Fee (\$) = Fee Paid (\$)

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = Extra Sheets / 50 Number of each additional 50 or fraction thereof (round up to a whole number) x Fee (\$) = Fee Paid (\$)

**4. OTHER FEE(S)**

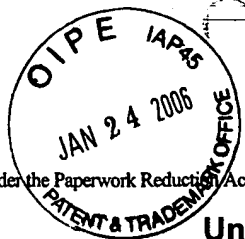
Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1811 Certificate of correction 100.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	28,371	Telephone	(202) 828-2232
Name (Print/Type)	Thomas J. D'Amico	Date	November 2, 2005		

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO-2038 (02-2003)

Approved for use through 02/28/2006. OMB 0651-0043

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**United States Patent & Trademark Office**  
**Credit Card Payment Form**

Credit Card Information			
<b>Credit Card Type:</b> <input type="checkbox"/> Visa <input type="checkbox"/> Mastercard <input checked="" type="checkbox"/> American Express <input type="checkbox"/> Discover			
Credit Card Account #: 378732006481008			
Credit Card Expiration Date: 02/28/06			
Name as it Appears on Credit Card: DSMO DCIP ONE		Thomas J. D'Amico	
Payment Amount: \$ (US Dollars): 100.00			
Cardholder Signature:		Date: November 2, 2005	
<b>Refund Policy:</b> The Office may refund a fee paid by mistake or in excess of that required. A change of purpose after the payment of a fee will not entitle a party to a refund of such fee. The office will not refund amounts of \$25.00 or less unless a refund is specifically requested, and will not notify the payor of such amounts (37 CFR §1.26). Refund of a fee paid by credit card will be issued as a credit to the credit card account to which the fee was charged.			
<b>Service Charge:</b> There is a 50.00 service charge for processing each payment refused (including a check returned "unpaid") or charged back by a financial institution (37 CFR §1.21(m)).			
Credit Card Billing Information			
Street Address: 2101 L Street NW			
City: Washington			
State/Province: District of Columbia		Zip/Postal Code: 20037-1526	
Country: United States of America			
Daytime Phone #: (202) 785-9700		Fax #: (202) 887-0689	
Request and Payment Information			
Description of Request and Payment Information: Certificate of correction \$100.00			
<input checked="" type="checkbox"/> Patent Fee	<input type="checkbox"/> Patent Maintenance Fee	<input type="checkbox"/> Trademark Fee	<input type="checkbox"/> Other Fee
Application No. 10/043,104	Application No.	Application No.	IDON Customer No.
Patent No. 6,949,821	Patent No.	Registration No.	
Attorney Docket No. M4065.0317/P317-B		Identify or Describe Mark	





Docket No.: M4065.0317/P317-B  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Letters Patent of:  
David J. Corisis

Patent No.: 6,949,821

Issued: September 27, 2005

For: SEMICONDUCTOR PACKAGE

**REQUEST FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 CFR 1.322 & 1.323**

Attention: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted omissions and typographical errors which should be corrected.

In the U.S. Patent Documents portion of the References Cited section, the following patents were omitted:

5,838,069	11/1998	Itai et al.
6,534,391	3/2003	Huemoeller et al.
6,319,749	11/2001	Shigeta et al.
6,573,157	6/2003	Sato, Eiichi

6,281,032

8/2001

Matsuda et al.

In the Foreign Patent Documents portion of the References Cited section the following patents were omitted:

JP            2001345289 A            12/2001            H01L 21/301

JP            10242570 A            9/1998            H01S 03/18

Exhibit A, attached, is a copy of the IDS listing the omitted patents that was filed with the Office Action dated October 27, 2003.

In the Specification, Applicant made the following errors that should be corrected:

Column 1, line 13, "dice" should read --die--;

Column 2, line 15, "dice" should read --die--;

Column 2, line 54, "formed form" should read --formed from--; and

Column 3, line 58, "also formed" should read --also be formed--.

The omissions were made by the PTO and the errors were found in the application as filed by applicant. Please charge our Credit Card in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed.

The errors now sought to be corrected are inadvertent typographical errors the correction of which does not involve new matter or require reexamination.

Patent No.: 6,949,821

Docket No.: M4065.0317/P317-B

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0317/P317-B. A duplicate copy of this paper is enclosed.

Dated: November 2, 2005

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

DICKSTEIN SHAPIRO MORIN &

OSHINSKY LLP

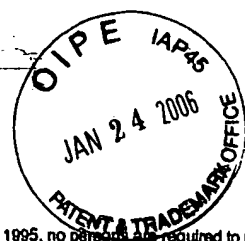
2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorney for Applicant

# Exhibit A



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned 10/043104
				Filing Date	January 14, 2002
				First Named Inventor	David J. Corliss
				Art Unit	2823
				Examiner Name	D. Collins M. Estrada
				Attorney Docket Number	M4065.0317/P317-B
Sheet	1	of	1		

10/043104  
01/14/02

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
<i>[Handwritten initials]</i>	A	5,420,460	05/1995	Massingill	
	B	5,598,096	01/1997	Pham et al.	
	C	5,608,262	03/1997	Degani et al.	
	D	5,719,440	02/1998	Moden	
	E	5,895,967	04/1999	Stearns et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	<i>Michelle Estrada</i>	Date Considered	10/16/03
-----------------------	-------------------------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

# Notice of References Cited

Application/Control No.

10/043,104

Applicant(s)/Patent Under  
Reexamination  
CORISIS, DAVID J.

Examiner

Michelle Estrada

Art Unit

2823

Page 1 of 1

## U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,010,384 /	01-2000	Nishino et al.	445/24
	B	US-5,838,069 /	11-1998	Itai et al.	257/766
	C	US-6,534,391 /	03-2003	Huemoeller et al.	438/612
	D	US-2001/0005599 /	06-2001	Yamada et al.	438/106
	E	US-6,319,749 /	11-2001	Shigeta et al.	438/106
	F	US-6,573,157 /	06-2003	Sato, Eichi	438/462
	G	US-6,281,032 -	08-2001	Matsuda et al.	438/42
	H	US-6,492,203 /	12-2002	Wakashima et al.	438/127
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

## FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	JP 2001345289 A /	12-2001	Japan	ICHIKAWA et al.	H01L 21/301
	O	JP 10242570 A /	09-1998	Japan	YAMAMOTO, MASAHIRO	H01S 03/18
	P	JP 10064854 A /	03-1998	Japan	YAMAOKA, YOSHIFUMI	H01L 21/301
	Q					
	R					
	S					
	T					

## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 2

PATENT NO. : 6,949,821  
APPLICATION NO. : 10/043,104  
ISSUE DATE : September 27, 2005  
INVENTOR(S) : David J. Corisis

It is certified that omissions and errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the U.S. Patent Documents portion of the References Cited section, the following patents should be added:

5,838,069	11/1998	Itai et al.
6,534,391	3/2003	Huemoeller et al.
6,319,749	11/2001	Shigeta et al.
6,573,157	6/2003	Sato, Eiichi
6,281,032	8/2001	Matsuda et al.

In the Foreign Patent Documents portion of the References Cited section the following patents should be added:

JP	2001345289 A	12/2001	H01L 21/301
JP	10242570 A	9/1998	H01S 03/18

MAILING ADDRESS OF SENDER (Please do not use customer number below):  
Thomas J. D'Amico  
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP 1  
2101 L Street NW  
Washington, DC 20037-1526  
DSMDB.2000892.1

FEB 02 2006

In the Specification, the following errors should be corrected:

Column 1, line 13, "dice" should read --die--;

Column 2, line 15, "dice" should read --die--;

Column 2, line 54, "formed form" should read --formed from--; and

Column 3, line 58, "also formed" should read --also be formed--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Thomas J. D'Amico

DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP 2

2101 L Street NW

Washington, DC 20037-1526

DSMDB.2000892.1

FEB 02 2006



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,949,821 B2  
DATED : September 27, 2005  
INVENTOR(S) : Corisis

Page 1 of 1

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Title page.

Item [56], **References Cited**, U.S. PATENT DOCUMENTS, add the following:

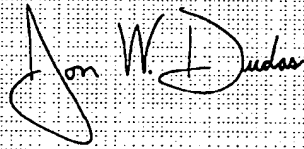
-- 5,838,069	11/1998	Itai et al.
6,534,391	3/2003	Huemoeller et al.
6,319,749	11/2001	Shigeta et al.
6,573,157	6/2003	Sato, Eiichi
6,281,032	8/2001	Matsuda et al. --;

FOREIGN PATENT DOCUMENTS, add the following:

-- JP	2001345289 A	12/2001	H01L 21/301
JP	10242570 A	9/1998	H01S 03/18 --.

Signed and Sealed this

Tenth Day of January, 2006

A handwritten signature in black ink, reading "Jon W. Dudas", is written over a rectangular area of fine dotted grid paper.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*